



# ***Crumpler Plastic Pipe, Inc.***

## ***Manufacturers of Corrugated Plastic Drainage Pipe***

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### **Double Wall Smooth Core Products** **NTPEP Certified Corrugated Polyethylene Pipe**

#### **Material**

	Inside Diameter	Outside Diameter	Minimum Stiffness
15" Smooth Core	15.22"	18.74"	42 pii
18" Smooth Core	18.03"	21.70"	40 pii
24" Smooth Core	24.03"	28.55"	34 pii
30" Smooth Core	29.88"	35.21"	28 pii
36" Smooth Core	36.08"	41.54"	22 pii
42" Smooth Core	42.03"	48.20"	20 pii

#### **Specifications**

ASTM D 3350: Standard Specification for PE Plastic Pipe and Fittings Materials.  
-Cell Classification 435400C.

AASHTO M 294: Standard Specification for Corrugated Polyethylene Pipe

### **Typical Properties**

<u>Properties</u>	<u>Test Procedures</u>	<u>Units</u>
Density (4)	ASTM D 1505	>0.947 – 0.955 g/cm <sup>3</sup>
Melt Index (3)	ASTM D 1238	<0.4 – 0.15 gm/10 min
Flexural Modulus (5)	ASTM D 790	110,000 – 160,000 psi
Tensile Strength at Yield (4)	ASTM D 638	3,000 – 3,500 psi
Environmental Stress Crack Resistane (0)	ASTM D 1693	Unspecified
Hydrostatic Strength I. HDB at 23° C (0)	ASTM D 2837	Not Pressure Rated
Color & UV Stabilizer (C)	ASTM D 4218	> 2% - < 5%

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